

Friday, June 28, 2013

Tom Givetz  
New Hampshire Fish and Game Powder Mill  
288 Merrymeeting Road  
New Durham NH 03855

**Project Name:** Powder Mill Hatchery  
**Project #:** N/A  
**Project Location:** New Durham, NH  
**Control #:** 94332

**Lab ID:** 13060152

**Date Received:** 6/13/2013

Dear Tom Givetz

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at <http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx>

A handwritten signature in black ink, appearing to read "Jay Chrystal".

Jay Chrystal - President/Laboratory Director

New Hampshire Fish and Game Powder Mill

Tom Givetz

288 Merrymeeting Road

New Durham NH 03855

Control #: 94332

Project Number: N/A

Project Name: Powder Mill Hatchery

Project Location: New Durham, NH

Lab ID: 13060152

Date: 6/28/2013

Lab ID: 13060152

### Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling if required?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was the cooler temperature recorded if applicable?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A

Sample	Method	Client Identity	Matrix	Analyst
13060152-001	SM 4500-NH3-C	001 N.D. #1, #2, #3	Wastewater	LauraB

Comment: No Comment

\* Blank comment sections denote "No Comment"



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(603) 673-5440  
Sales@chemservelab.com

New Hampshire Fish and Game Powder Mill

Tom Givetz  
288 Merrymeeting Road  
New Durham NH 03855

Control #: 94332  
Project Number: N/A  
Project Name: Powder Mill Hatchery  
Project Location: New Durham, NH

Analytical Results

Lab ID: 13060152  
Date: 6/28/2013

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	EPA 200.7	001 N.D. #1, #2, #3		Wastewater	CharleneF

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				6/18/2013	1	0
Phosphorous-P Total	7723-14-0	0.01 mg/L		6/18/2013	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	EPA 300.0	001 N.D. #1, #2, #3	mg/L	Wastewater	MichelleG

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		6/13/2013 9:11:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	In House	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 1 mg/L		6/27/2013	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	SM 2540D	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		6/18/2013	0.5	2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	SM 4500-NH3-C	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		6/26/2013	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	SM 5210B	001 N.D. #1, #2, #3	mg/L	Wastewater	SarahP

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		4.00 mg/L		6/13/2013 5:00:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-001	SM4500-Norg/NH3-B	001 N.D. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		6/27/2013	1	0.5

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	EPA 200.7	002 L.S. #1, #2, #3		Wastewater	CharleneF

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				6/18/2013	1	0
Phosphorous-P Total	7723-14-0	0.02 mg/L		6/18/2013	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	EPA 300.0	002 L.S. #1, #2, #3	mg/L	Wastewater	MichelleG

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		6/13/2013 9:11:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	In House	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 1 mg/L		6/27/2013	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	SM 2540D	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		6/18/2013	0.5	2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	SM 4500-NH3-C	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		6/26/2013	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	SM 5210B	002 L.S. #1, #2, #3	mg/L	Wastewater	SarahP

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		4.00 mg/L		6/13/2013 5:00:00 PM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
13060152-002	SM4500-Norg/NH3-B	002 L.S. #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/11/2013 7:40:00 AM Composite End Date/Time: 6/12/2013 7:40:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		6/27/2013	1	0.5

**Qualifier: Description:**

B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.

Chain of Custody No. 94332  
Multiple COC's Yes No



317 Elm Street Milford, NH 03055  
(603) 673-5440/ Fax (603) 673-0366

CHAIN OF CUSTODY

A CUSTOMER INFORMATION			B PROJECT INFORMATION			C SAMPLE INFORMATION											
CUSTOMER: <u>M. H. Fish &amp; Game</u>			JOB NAME: <u>Powder Mill 11th Avenue</u>			TURNAROUND TIME: (CIRCLE ONE) 10 DAY STANDARD RUSH (MUST BE PRE-APPROVED)											
ADDRESS: <u>11 Hazen Dr</u>			JOB NUMBER: _____			10 DAY STANDARD											
CITY/STATE/ZIP: <u>Concord, NH 03301</u>			LOCATION: <u>New Durham, NH</u>			MCP <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> GW1 <input type="checkbox"/> GW2 <input type="checkbox"/> GW3											
TELEPHONE: <u>603 859 2041</u>			INVOICE EMAIL: _____			7day 5 day 4 day 3 day 2 day 1 day Same Day											
REPORT TO: <u>T. Sivetz</u>			INVOICE TO: _____														
EMAIL TO: <u>powdermill1@btinternet.com</u>			P.O. NUMBER: _____														
STATION # <u>D</u>	SAMPLE IDENTIFICATION & LOCATION <u>E</u>	COLLECTED <u>F</u>	DATE <u>G</u>	TIME <u>H</u>	GRAB TYPE <u>H</u>	SAMPLE TYPE <u>H</u>	COMP <u>H</u>	MATRIX <u>I</u>	LIQUID (L) <u>I</u>	SOLID (S) <u>I</u>	COMBINED (C) <u>I</u>	HAZARD (H) <u>I</u>	# OF CONTAINERS <u>J</u>	CONTAINER AND PRESERVATIVE <u>K</u>	ANALYSIS <u>L</u>		
	001 N.D. #1	DATE	6/12	TIME	7:40										BOD - TSS		
	001 N.D. #2	DATE	6/12	TIME	7:40										T. Phos		
	001 N.D. #3	DATE	6/12	TIME	7:40										T. Nitrogen		
	002 L.S. #1	DATE	6/12	TIME	7:50										BOD - TSS		
	002 L.S. #2	DATE	6/12	TIME	7:50										T. Phos		
	002 L.S. #3	DATE	6/12	TIME	7:50										T. Nitrogen		
CUSTODY <u>N</u>			SAMPLER: <u>Theresa Sivetz</u>			DATE <u>6/13/13</u>			MILITARY TIME <u>0800</u>			SAMPLE CHECK LIST: <u>YES</u> OR <u>NO</u>			FIELD READING(S) & COMMENTS:		
RELINQUISHED:			SIGNATURE: <u>[Signature]</u>			DATE <u>6/13/13</u>			TIME <u>1350</u>			SHIPPED OR HAND DELIVERED <u>YES</u> OR <u>NO</u>			TEMP BLANK <u>YES</u> OR <u>NO</u>		
RECEIVED:			DATE <u>6/13</u>			TIME <u>1350</u>			SAMPLES WERE PROPERLY PRESERVED <u>YES</u> OR <u>NO</u>			FIELD LAB <u>N/A</u>					
RELINQUISHED:			DATE <u>6/13</u>			TIME <u>1435</u>			IF NO EXPLAIN:								
RECEIVED FOR LAB: <u>[Signature]</u>			DATE <u>6/13/13</u>			TIME <u>1055</u>			GROUP # <u>13060152</u>			6/27					